

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/003346

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 A23N1/00 A23N1/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23N B30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 147 449 A (PEPIN FILS FILTRE GASQUE; BACQUE JEAN) 9 March 1973 (1973-03-09) page 1, line 35 – page 2, line 17 page 3, line 36 – page 5, line 35; figures 1,2 -----	1-8
A	US 2 513 974 A (THOMAS MATTHEW J) 4 July 1950 (1950-07-04) column 1, line 44 – column 4, line 11; figures 1,3 -----	1,3
A	US 4 643 085 A (BERTOCCHI ET AL) 17 February 1987 (1987-02-17) cited in the application column 5, line 6 – column 5, line 40; figure 1 ----- -/-	1,3

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

2 May 2005

Date of mailing of the international search report

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**INTERNATIONAL SEARCH REPORT**International Application No  
PCT/IB2004/003346**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 511 174 A (BERTOCCHI, PRIMO) 28 October 1992 (1992-10-28) cited in the application column 2, line 47 - column 3, line 19; figure 1 column 4, line 3 - line 8; figure 6 -----	1,3

**INTERNATIONAL SEARCH REPORT**

## Information on patent family members

International Application No  
PCT/IB2004/003346

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
FR 2147449	A	09-03-1973	FR 2147449 A5		09-03-1973
US 2513974	A	04-07-1950	NONE		
US 4643085	A	17-02-1987	IT 1199392 B BR 8501531 A ES 8605148 A1		30-12-1988 26-11-1985 16-08-1986
EP 0511174	A	28-10-1992	IT 1249363 B DE 69210467 D1 DE 69210467 T2 EP 0511174 A1 ES 2089475 T3 US 5283078 A		23-02-1995 13-06-1996 19-12-1996 28-10-1992 01-10-1996 01-02-1994